

*Mr. Bowler*

*Mr. Bowler*

*Mr. Bowler III A*

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URBAN DISTRICT OF ROYTON.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER  
OF HEALTH

FOR THE YEAR

1936.

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TO THE  
Chairman and Members of the Health Committee  
of the  
URBAN DISTRICT OF ROYTON.

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GENTLEMEN,

I have the honour to present to you this, my Annual Report on the Health of the District for the year 1936.

This year it is an Ordinary Report as distinguished from a Survey Report.

I thank the Ladies' Committee for their great help in the work of the Maternity and Child Welfare Centre.

Also I thank the Clerk, Sanitary Inspector, Nurse, and all the other Officials for their co-operation at all times.

I have the honour to be, gentlemen,

Your obedient servant,

W. L. BENTLEY, L.S.A.,

*Medical Officer of Health.*

1936.



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# ANNUAL HEALTH REPORT, 1936.

## 1—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres .....	2,149
Population (Census 1931) .....	16,689
Estimated resident population (middle 1936).....	15,950
Number of inhabited houses (Census 1931) .....	4,370
End of 1936, according to the Rate books.....	4,758
Rateable value £80,809.	

Sum represented by a penny rate..... £318.

## 2—VITAL STATISTICS.

	Total	Male	Female
Live Births—Legitimate...	180	95	85
Illegitimate	6	4	2
Total .....	186	99	87

Birth Rate per 1,000 of the  
estimated resident population... .. 11·6

Still Births .....	8	4	4
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Rate per 1,000 Total  
(live and still) Births ... .. 41

Deaths .....	232	122	110
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Crude Death Rate per 1,000 of the  
estimated resident population ... †14·5

Deaths from Puerperal causes—

Puerperal sepsis ..... nil

Other puerperal causes ..... 2

Death Rate per 1,000 Total  
(live and still) Births ... .. 10·30

Death rate of Infants under one year of age :—

All infants per 1,000 live births ..... 59

Legitimate infants per 1,000 legitimate live births ... 55

Illegitimate infants per 1,000 illegitimate live births 166

Deaths from Cancer (all ages) .. ..... 26

„ „ Measles (all ages) ..... 2

„ „ Whooping Cough (all ages)..... 1

„ „ Diarrhoea (under 2 years of age)..... 2

Population 15,950.

ROYTON	Per 1,000 of estimated population				Per 1,000 Births		
	Live Birth Rate	Crude Death Rate	Death Rate from Tuberculosis of Respiratory System	Death Rate from Cancer	Maternal Mortality Rate		Rate of Deaths under 1 year
					Live Births	Live & Still Births	
Mean of 5 years— 1931 to 1935.....	12·6	11·1	0·64	1·34	9·03	8·57	99
1935... ..	12·0	13·9	0·73	1·53	5·07	4·80	96
1936... ..	11·6	†14·5	0·43	1·63	10·75	10·30	59
Increase or decrease in 1936 on Five years' average, 1931-1935 .....	— 1·0	+ 0·4	— 0·21	+ 0·29	+ 1·72	+ 1·73	— 40
Previous year .....	— 0·4	+ 0·6	— 0·30	+ 0·10	+ 5·68	+ 5·50	— 37

† 1936 adjusted Death-rate (comparability factor 1·16) = 16·8 per 1,000.

NOTIFIABLE DISEASES (other than Tuberculosis)  
during the year 1936.

DISEASES.	CASES NOTIFIED.													Total Deaths	HOSPITAL	
	Total Cases at all ages.	YEARS													Total Cases removed to Hospital from Home	Deaths in Hospital of persons belonging to the District.
		Under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 and over			
	(a)													(b)	(c)	(d)
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	23	...	...	...	2	3	11	4	2	1	...	...	...	...	9	...
Diphtheria (including Membranous Croup).	50	...	...	...	1	3	30	12	...	...	2	2	...	5	32	4
Enteric Fever (includ- ing Paratyphoid) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Primary Pneumonia ...	24	3	2	1	3	2	3	1	...	1	2	4	2	8	...	...
Acute Influenzal Pneumonia ..	3	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...
Puerperal Fever ...	1	...	...	...	...	...	...	...	...	1	...	...	...	* }	1	...
Puerperal Pyrexia ...	1	...	...	...	...	...	...	...	...	1	...	...	...		1	...
Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio-encepha- litis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas... ..	7	...	...	...	...	...	1	1	...	3	...	2	...	...	2	...
Malaria { Contract'd In this Country	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Abroad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other diseases notifiable in district e.g. :— Chicken-pox ...	29	...	3	1	1	3	...	21	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease Anthrax ... ..	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Totals ...	140	5	5	2	7	11	45	39	2	7	5	10	2	13	45	4

\* Deaths classified together as Puerperal Sepsis.

## TUBERCULOSIS.

New Cases and Mortality during 1936.

Age Periods.				NEW CASES.				DEATHS.			
				Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
				M.	F.	M.	F.	M.	F.	M.	F.
Years											
0— 1	...	...		...	...	...	...	...	...	...	...
1— 5	...	...		...	...	...	...	...	...	...	...
5—10	...	...		...	...	1	1	...	...	...	...
10—15	...	...		...	...	1	1	1	...	...	...
15—20	...	...		1	...	...	...	...	...	1	...
20—25	...	..		3	2	...	2	1	1	...	...
25—35	...	...		1	2	1	...	1	...	...	...
35—45	...	...		1	...	...	...	1	1	...	...
45—55	...	...		2	1	...	...	...	...	...	...
55--65	...	...		...	1	...	...	...	1	...	...
65 and upwards				...	...	1	...	...	...	...	...
Totals	...			8	6	4	4	4	3	1	0
				14		8		7		1	

## OPHTHALMIA NEONATORUM.

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Number Notified	Treated					
	At Home	In Hospital				
2	2	...	2	...	...	...

## Analysis of Nett Deaths according to age, year ended Dec. 31st, 1936.

CAUSES OF DEATH.	At all Ages	Under 1 year	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 and under 75	75 and over
Measles ... ..	...	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid... ..	...	...	...	...	...	..	..	..	..	..	..	..	..	..
Scarlet Fever ... ..	..	...	...	...	...	..	..	..	..	..	..	..	..	..
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ... ..	5	...	...	...	...	...	3	2	...	...	...	...	...	...
Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	1	...	...	...	...	...	...	...	1	...	...	...	...	...
Cerebro Spinal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis of the Respiratory System ... ..	7	...	...	...	...	...	...	...	2	2	2	1	...	...
Other Tuberculous Diseases ...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
Syphilis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, Malignant Disease ...	24	...	...	...	...	...	...	...	...	1	2	7	9	5
Diabetes ... ..	1	..	...	...	...	...	...	...	...	...	...	...	...	1
Cerebral Hæmorrhage... ..	24	...	...	...	...	...	...	...	...	1	...	10	9	4
Heart Disease ... ..	87	...	...	...	...	...	...	1	1	4	3	26	32	20
Aneurysm ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Circulatory Diseases ...	4	...	...	...	...	...	...	...	...	...	...	2	...	2
Bronchitis ... ..	8	...	...	...	...	...	...	...	1	1	...	3	1	2
Pneumonia (all forms) ... ..	19	3	2	1	1	...	...	...	...	...	2	8	1	1
Other Respiratory Diseases ...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Ulcer of Stomach ... ..	2	...	...	...	...	...	...	...	...	...	1	...	1	...
Appendicitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of the Liver ...	1	...	...	...	...	...	...	...	...	...	...	1	...	...
Other Digestive Diseases ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Acute and Chronic Nephritis	11	...	...	...	...	...	...	...	...	2	2	1	5	1
Puerperal causes ... ..	1	...	...	...	...	...	...	...	...	1	...	...	...	...
Congenital Debility, Prematurity ... ..	4	4	...	...	..	...	...	...	...	...	...	...	...	...
Senility ... ..	4	...	...	...	...	...	...	...	...	...	...	...	1	3
Suicides ... ..	4	...	...	...	...	...	...	...	...	...	1	2	...	1
Other deaths from Violence ...	5	...	...	...	...	...	...	...	2	2	...	...	1	...
Other Defined Diseases ...	16	4	1	...	...	...	...	...	...	2	...	4	5	...
Causes ill-defined or unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals...	231	12	3	1	1	...	3	4	7	16	13	65	65	41

# INFANTILE DEATHS AND CAUSES.

Under one year.

CAUSES OF DEATH	Under 1 Week	1 and under 2 weeks	2 and under 3 weeks	3 and under 4 weeks	Total under 4 weeks	1 and under 3 months	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total Deaths under 1 year
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...
Meningitis ... ..	...	...	...	...	...	...	...	...	...	...
Convulsions ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ... ..	...	...	...	...	...	...	1	1	1	3
Diarrhoea ... ..	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	1	...	1	1	...	...	..	2
Atrophy, Debility and Marasmus ... ..	...	..	1	...	1	...	...	...	...	1
Rickets... ..	...	...	...	...	...	...	...	...	...	...
Premature Birth ... ..	4	...	...	...	4	...	...	...	...	4
Suffocation, overlying ... ..	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ... ..	...	...	...	...	...	...	...	...	...	...
Other Causes ... ..	...	...	...	1	1	1	...	...	...	2
Totals ... ..	4	...	2	1	7	2	1	1	1	12

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Hospitals provided or subsidised by the Local Authority or by the County Council :—

- (1) Tuberculosis.—Sanatorium and Hospital accommodation is provided by the County Council.
- (2) Maternity cases are admitted to the Boundary Park Hospital, Oldham.
- (3) Children.—Are admitted to the Oldham Royal Infirmary, Manchester Children's Hospital, and Norden and Biddulph Homes.
- (4) Fever.—Oldham Corporation Hospital, Westhulme.
- (5) Smallpox.—Chadderton, Royton and Crompton (Joint Hospital) at Racefield.

### Ambulance Facilities :—

- (a) Infectious Cases :—Ambulance from the Oldham Health Department.
- (b) Non-infectious and Accident Cases :—By Motor Ambulance Housed at the Oldham Fire Station.

### Clinics and Treatment Centres :—

A Maternity and Child Welfare Centre is provided by the District Council, with accommodation at the Free Library, Rochdale Road.

A School Clinic is provided for minor ailments, dental and ophthalmic cases.

The Lancashire County Council has made arrangements for the treatment of Tuberculosis and Venereal Diseases at the Oldham Royal Infirmary.

### Professional Nursing in the Home :—

(a) General—The Royton District Nursing Association provides two Nurses. This Association is supported by voluntary contributions under a "Home Provident Scheme."

(b) Cases where isolation is impossible are removed to hospital often at the expense of the Local Authority. The cases at home are generally nursed by the relatives.

### Midwives :—

Number on the Register .....2

Number Practising .....2

No midwife is employed or subsidised by the Local Authority.

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### LABORATORY WORK.

Bacteriological work and analysis of water are carried out at the Public Health Laboratory, York Place, Manchester.

Diphtheria anti-toxin is kept at the Town Hall, and supplied in cases of emergency to Medical Practitioners in this district upon request.

Specimens examined : Throat swabs 58.

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### PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health—W. L. BENTLEY, L.S.A. (part time).

Veterinary Inspector—R. HERBERT, Esq., M.R.C.V.S. (part time).

Sanitary Inspector—Mr. J. BUTTERFIELD (whole time).

Health Visitor—Miss E. BRACEGIRDLE, S.R.N., S.C.M., H.V.  
(whole time).

## SANITARY ADMINISTRATION.

List of Adoption Acts, Bye-Laws and local regulations relating to the public health, in force in the district, with date of adoption.

Infectious Diseases (Prevention) Act, 1890.

From 1st October, 1891.

The Public Health Acts Amendment Act, 1890.

From 1st October, 1891.

The Baths and Wash houses Act, 1846 to 1899.

Adopted 6th November, 1907.

The Notification of Births Acts, 1907.

From 1st September, 1915.

The Public Health Acts Amendment Act, 1907.

Part (2) Streets and Buildings.

(3) Sanitary Provisions.

(4) Infectious Diseases.

(5) Common Lodging Houses.

(6) Recreation Grounds.

## HOUSING.

STATISTICS FOR THE YEAR 1936.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b)) ... nil

(i) By the Local Authority ... .. nil

(ii) By other Local Authorities ... .. nil

(iii) By other bodies or persons ... .. 34

(b) With State assistance under the Housing Acts :—

(i) By the Local Authority ... .. 70

(ii) By other bodies or persons ... .. nil

1. Inspection of dwelling houses :—

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)... nil

(2) No. of dwelling-houses which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... .. nil

(3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. nil

(4) No. of dwelling-houses (exclusive of those referred to under (3)) found not to be in all respects reasonably fit for human habitation ... .. nil

2. Remedy of defects without service of formal notices :—

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... .. nil

## 3. Action under Statutory Powers :—

## A.—Proceedings under Section 17, 18 and 23 of the Housing Act, 1930 :—

- (1) No. of dwelling-houses in respect of which notices were served requiring repairs ... .. nil
- (2) No. of dwelling-houses which were rendered fit after service of formal notices :—
- (a) By Owners ... .. nil
- (b) By Local Authority in default of owners ... .. nil

## B.—\*Proceedings under Public Health Acts :—

- (1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied ... .. nil
- (2) No. of dwelling-houses in which defects were remedied after service of formal notices :—
- (a) By Owners ... .. 10
- (b) By Local Authority in default of owners ... .. nil

## C.—Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—

- (1) No. of dwelling-houses in respect of which Demolition Orders were made ... .. nil
- (2) No. of dwelling-houses demolished in pursuance of Demolition Orders ... .. nil

## D.—Proceedings under Section 20 of the Housing Act, 1930 :—

- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... .. nil
- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. nil

## 4. Housing Act, 1935—Overcrowding :—

- (a) (i) Number of dwellings overcrowded at end of year 192
- (ii) Number of families dwelling therein ... ..
- (iii) Number of persons dwelling therein ... ..
- (b) Number of new cases of Overcrowding reported during the year ... .. nil
- (c) (i) Number of cases of overcrowding relieved during the year ... .. 84
- (ii) Number of persons concerned in such cases ... ..

## HOUSING CONDITIONS.

1. General observations as to housing conditions, including the standard of houses, the prevalent types, age and approximate numbers and general soundness of the several types—any information as to prevailing forms of defects and of prevailing bad conditions resulting from overcrowding :

Standard generally good, the type is Cottage non-parlour, age 60 to 70 years. Twenty-five Clearance Areas have been dealt with affecting 244 dwellings. Further areas are receiving attention.

Approximate number of back to back houses in the  
district... .. About 168

2. Sufficiency of supply of Houses.

(a) Extent of shortage, if any, of houses available at reasonable rents, and the measures taken or contemplated to meet any shortage.

Shortage is gradually being relieved.

## SANITARY INSPECTOR'S REPORT.

The regular inspection of this Urban district has revealed the following nuisances or defects, which have been reported upon and dealt with month by month. They are summarised as follows :—

Blocked Closets .....	26
Choked Drainage .....	25
Gulley and other defects .....	17
Water pipe bursts &c. ....	15
Defective gutters .....	4
Dampness in Houses and other defects .....	16
Dirty passages and accumulations .....	11
Defective and worn-out ashpans .....	238
	<hr/>
	352

To secure the remedy of these defects, 51 letters, 165 formal notices and 5 legal notices were served upon the Owners or Agents and 342 defects were remedied.

The Infectious Diseases notified during the year were as follows :—

Diphtheria .....	50
Erysipelas .....	7
Scarlet Fever.....	23
Puerperal Fever.....	1
Pyrexia .....	1
Ophthalmia Neonatorum .....	2
Influenzal Pneumonia .....	3
Pneumonia .....	24
Chicken Pox.....	29
Pulmonary Tuberculosis .....	14
Non-Pulmonary Tuberculosis .....	8
	<hr/>

162

The cases were visited, disinfectants supplied and on recovery 174 Rooms in 95 places were disinfected with sulphur or Formhaldehyde.

The Collection of Refuse continues to be done by the Council's workmen with regularity and efficiency at the rate of 59 loads weekly, 3097 per annum, and disposed of by Controlled Tipping at the Heyside and Dogford Road tips. The offal is collected twice weekly and amounts to 100 tons per annum which is destroyed at Rochdale.

In the outlying parts of this district there are 62 pail closets, 4 cesspools and 2 privies. There are also 26 dry ashpits, and the number of ashbins is 3900, fresh-water closets 3840 and waste-water closets 944.

During the year Private Enterprise has built 34 houses, and the Council has built and completed 70 houses.

The houses taken down during the year numbered 127 and the number of houses gassed was 101, rooms 265. Van loads of furniture 97, loads of bedding 97, and the number of persons bathed &c. 95.

The lodging houses number four, are visited frequently and found fairly clean.

The Bakehouses, 46 in number, have been visited 104 times, and continue to be kept clean and satisfactory.

The Cotton Spinning, Weaving and Winding Mills number 25. These have been visited 56 times and the sanitary conditions and cleanliness continue to be good.

The other factories and workshops, 39 in number, have been visited 68 times, and the defects found in two places only were dark closets with defective roofs and insufficient ventilation of the entrance passages.

These were remedied after notice to the owners. There are in all 110 places and 228 visits were made. I consider them very satisfactory.

The Slaughter houses number 10 have been visited by me 276 times and Dr. Herbert has also visited them weekly at irregular intervals. One cow and two pigs and 2 dozen rabbits were condemned and destroyed.

The Farms have also been visited frequently. Twenty one persons are registered as Cowkeepers and Purveyors, and in addition 3 other persons are registered as Purveyors only and thirty other persons have been registered as Purveyors from outside the district.

JOHN BUTTERFIELD,  
Sanitary Inspector.

## HEALTH VISITOR'S REPORT.

SUMMARY OF WORK DONE DURING THE YEAR 1936.  
BIRTHS NOTIFIED DURING THE YEAR.

Live 188	
Still 8	
<hr/>	
Total 196	
BIRTHS IN HOSPITAL	DOMICILIARY
Live 73	Live 115
Still 3	Still 5
<hr/>	<hr/>
Total 76	Total 120

## DEATHS REPORTED DURING YEAR

Infants and Children under 5 years	Mothers
Pneumonia ..... 5	Cardiac Failure and
Heart Disease ..... 1	Eclampsia..... 1
Toxæmia for burns 1	
Measles ..... 2	
Enteritis ..... 2	
Cerebral Abscess... 1	
Convulsions ..... 1	
Prematurity ..... 2	
Colitis ..... 1	
<hr/>	
16	

## VISITING DONE DURING 1936.

Birth Visits .....	177
Subsequent Visits under 1 year ...	904
„ Visits 1 to 5 years ...	1950
First Visits to expectant mothers...	48
Subsequent Visits to expectant mothers .....	28
Child Life Protection Visits .....	12
Special Visits.....	50
	<hr/>
Total...	3169

## DISEASES NOTIFIED DURING THE YEAR.

Infants and Children 1 to 5 years	Maternal
Ophthalmia Neonatorum 2	Puerperal Fever..... 1
Chicken-pox ..... 8	Puerperal Pyrexia ..... 1
Pneumonia ..... 11	<hr/>
Diphtheria ..... 4	2
Scarlet Fever ..... 5	
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30	

## Tuberculosis Contacts under 5 years :

Pulmonary .....	8
Non-pulmonary...	10
	<hr/>
	18

Children transferred to other areas .....	42
Admitted to Biddulph Hospital .....	1
Attended Chadderton Orthopædic Clinic .....	7
„ Oldham Royal Infirmary .....	3
Test Feeds given .....	4
Minor Ailments treated .....	4

## WELFARE CENTRE ATTENDANCE DURING THE YEAR.

	New	Consultations	Seen H.V.	Total Attendance
Under 1 year.....	110	— 491 +	1523	= 2014
1—2 years .....	9	— 62 +	214	= 276
2—5 years .....	23	— 141 +	305	= 446
Expectant Mothers ....	22	— 108 +	4	= 112
Other Mothers .....	81	— 196 +	—	= 196
	<hr/>	<hr/>	<hr/>	<hr/>
Totals .....	245	998	2046	3044

## Toddlers' Clinic Attendance :

1—2 years.....	15
2—5 years.....	28
	<hr/>
	43
	3044
	<hr/>
Total...	3087

E. BRACEGIRDLE,  
HEALTH VISITOR





